What is claimed is:

1. A wireless anti-theft device, comprising:

a host having a power-supply voltage-stabilizing circuit for supplying power to different components of said host, an anti-theft coding and CPU circuit for generating data code in the form of Manchester anti-theft code having a Hi-Low ratio of 1:1, a host control circuit for controlling operations of different components of said host, an emitting circuit for emitting an anti-theft signal, a host receiving circuit for receiving a remote signal, and an input/output (I/O) socket for electrically connecting to a power receptacle on a car; and

a wireless siren being internally provided with a power-supply voltage-stabilizing circuit for supplying power to different components of said wireless siren, an RF wireless receiving circuit for receiving an RF anti-theft signal from said host, a decoding and CPU circuit for decoding and comparing said anti-theft signal received by said RF wireless receiving circuit; and an anti-theft voicing and driving circuit for generating warning sound and anti-theft control;

whereby said wireless siren controlled by aid host is able to accurately analyze said data code within very short time, so that interference of said wireless anti-theft device with or by other similar devices is effectively reduced to enable quick and accurate control of anti-theft operations of said wireless anti-theft device.

2. The wireless anti-theft device as claimed in claim 1, wherein said Manchester anti-theft code generated by said anti-theft coding and CPU circuit in said host has an interval between two sets of codes shorter than 100ms.